OPPOSING FORCES

Aviation

Main Battle Tank

M113/BMP-2 OSV

“ Who Trains, Wins ”

M113/BMP-2 OPPOSING FORCES SURROGATE VEHICLE (OSV)

- Simulates BMP-2 at the Maneuver Combat Training Centers (CTCs)
- M113A3 Chassis/Bradley Turret Components
- Thermal Sight
- Carries 5 Dismount Troops
- Maintains M113 Driver/Bradley Commander & Gunner Skills
- Replaces Current M551 BMP Fleet
- Reduces O&S Costs/ Environmental Impact

PD - Scott Brookins TMA - Priority 12

Description/Components

Replacement for M551 BMP OPFOR vehicles at CTCs. Adapts M551 SAWE/MILES II kits to fit OSV using some procured M2A2

Customer: TRADOC (ATMD)

Contractor: Anniston Army Depot, Alabama
Type: MOA Total Value: $268.7M
Award: 1st Qtr FY 96 CLS Trans:TBD

NOTES

- **Funded for NTC - 160**
- **Funded for JRTC - 36**
- **All 136 for CMTC UER**

DELIVERIES / BOI

160 - NTC 36 - JRTC
190 - CMTC

(TRADOC has reduced the CMTC BOI from 190 to 136)

PRI 06

49 OSV DELIVERED

70 OSV DELIVERIES

77 OSV DELIVERIES

- Traverse Bearing production process problems will delay FY00 deliveries.

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OPPOSING FORCES SURROGATE TRACKED VEHICLES (OSTV)

- Standard MBT for NTC, JRTC, & CMTC
- Old/Mechanically unreliable
- Logistically expensive (high O&S)
- Lack of threat recognition characteristics
- Requires [illegible] to operate

- Simulates OPFOR MBT at the Combat Training Centers (CTC)
- Replaces Current M551/M60 OPFOR MBT Fleet
- Mobility characteristics approximating those of the M551 OPFOR MBT
- Visual recognition at 1000 Meters different from U.S. counterpart
- Embedded Tactical Engagement Simulation (TES)

Description/Components

Provides a "Generic" OPFOR Main Battle Tank capability to the CTCs with lower operating costs and enhanced capabilities.

Customer: Maneuver Combat Training Center

Contractor: TBD
Type: TBD — Total Value: TBD
Award: TBD — CLS Trans:TBD

NOTES

- Program not funded
- New BOI numbers provided by DCSINT

DELIVERIES / BOI
NTC 63
JRTC 41, CMTC 41

PRIOR	00	01	02	03	04	05	06
Feasibility Study of Alternatives							
▲ Phase I							
▲ Phase II							

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Issues

- **Management Analysis, Incorporated is conducting a study of alternatives**
  - **Phase I conclusion**
    - **The Phase One evaluation identifies the M551, M60, M1, M2, AAV7A1, and generic foreign vehicles as not warranting further consideration.**
    - **Remaining base vehicle candidates are the existing M113A3, the "stretched" M113A3 (six roadwheel variant), and the LAV.**
    - **The OSV BMP-2 surrogate vehicle satisfies the evaluation criteria as an M113A3 base vehicle; has the additional merit of primarily requiring VISMODs to complete OSTV development.**
  - **Phase II delivered 21 Jan 00**
- **we need expeditious concurrence/non-concurrence from TRADOC concerning recommendations of report**
- **The unofficial BOI change for Tanks was not PO**

OPFOR Aviation

MISSION

- The purpose of the OPFOR Aviation program is to replace the currently employed Opposing Forces (OPFOR) surrogate vehicles with a more realistic threat representation which costs less to operate and maintain at the Maneuver Combat Training Centers (MCTC).

CHARACTERISTICS/DESCRIPTION

- Rotary wing attack and air assault platforms
- Unmanned Aerial Vehicles
- Cruise missiles
- Accommodate Tactical Engagement Simulation (TES) devices
- CTC Instrumentation system compatible

CAPABILITY / IMPROVEMENTS

- Portray visual, radar, and infrared similarity to aviation systems used by potential adversaries

NOTE: ORD not final

OPFOR Surrogate Wheeled Vehicle

MISSION

- The purpose of the program is; to support the Maneuver Combat Training Centers (MCTCs) with an Opposing Forces Surrogate Wheeled Vehicles (OSWV) capable of simulating a variety of OPFOR vehicles in order to challenge the units being trained, to increase the overall OPFOR fleet to meet the immediate brigade ramp-up requirements at the NTC and support the OPFOR vehicle requirements of the JRTC and CMTC, and to improve the replication/simulation and fidelity of the fleet to improve training effectiveness and offset training deficiencies identified through the Armor/Anti-Armor Net Assessment (A3NA)).

CHARACTERISTICS/DESCRIPTION

- The OSWV will be instrumented, tactical engagement simulation (TES) configurable OPFOR surrogate vehicles.
- The following vehicle types are addressed:
  (1) Wheeled Armed Reconnaissance Vehicle (WARV).
  (2) Wheeled Armored Personnel Carrier (WAPC).

NOTE: ORD not final

CAPABILITY / IMPROVEMENTS

- "Generic" OPFOR capability
- Incorporate salient characteristics of WARV and WAPC
- Common Chassis TBD
- Incorporate TES

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Questions?